

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Tod R. SMEAL, et al. Filed via EFS Web  
 April 23, 2008

Title: GEF-H1b: BIOMARKERS,  
 COMPLEXES, ASSAYS AND  
 THERAPEUTIC USES  
 THEREOF

Appl. No.: 10/611,671

Filing Date: 7/2/2003

Examiner: XIE, Xiaozhen

Art Unit: 1646

Confmn No.: 5378

**AMENDMENT TRANSMITTAL**

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application.

[ X ] The fee required for additional claims is calculated below:

	Claims As Amended		Previously Paid For		Extra Claims Present		Rate		Additional Claims Fee
Total Claims:	102	-	109	=	0	x	\$50.00	=	\$0.00
Independent:	54	-	54	=	0	x	\$210.00	=	\$0.00
First presentation of any Multiple Dependent Claims:						+	\$360.00	=	\$0.00
CLAIMS FEE TOTAL								=	\$0.00

As this Amendment is in response to the non-final Office Action mailed January 24, 2008, it is considered timely filed without fees on or before April 24, 2008. However, if any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date April 23, 2008

By V. J. Mohan

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**AMENDMENT AND REPLY UNDER 37 CFR 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated January 24, 2008, concerning the above-referenced patent application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this document.

**Remarks/Arguments** begin on page 13 of this document.

Please amend the application as follows: